

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Sun-Chang Kim

App. No.: 10/505,328

Conf. No.: 5904

Art Unit: To be assigned

Examiner: To be assigned

Filing Date: October 31, 2002

Title: CONSTRUCTION OF  
NOVEL STRAINS  
CONTAINING MINIMIZING  
GENOME BY Tn5-COUPLED  
Cre/loxP EXCISION SYSTEM**PETITION TO WITHDRAW ABANDONMENT PURSUANT TO MPEP § 711.03(c)IA  
FAILURE TO RECEIVE OFFICE ACTION**

Mail Stop Petition  
Office of Petitions  
Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

Dear Sirs:

In response to the Notification of Abandonment under 35 U.S.C. 371 and 37 CFR 1.495, mailed November 14, 2007 in the instant application, Applicants respectfully petition the Commissioner of Patents and Trademarks to withdraw abandonment under the provisions of MPEP § 711.03(c)IA and mail counsel of record a copy of the Office Action dated April 26, 2007.

A **Statement of Facts** begins on page 1.

A **Conclusion** is provided on page 4.

STATEMENT OF FACTS

The above-mentioned Notification of Abandonment states that the United States Patent and Trademark Office (USPTO) in its capacity as a Designated Office, has determined that a response was not filed to the Notification to Comply with Raw Sequence Listing (Office Action), as mailed on April 26, 2007. In response, Applicants hereby state that Office Action as dated April 26, 2007, was not received at the correspondence address of record and a search of practitioner's records, files and application contents indicates that the Office Action was not received. Therefore, a timely response to the Office Action was not possible.

On July 7, 2006, Applicants' current counsel electronically filed papers with the USPTO which included a Power of Attorney and Correspondence Address Indication Form, signed by then assignee Korea Advanced Institute of Science and Technology (copies enclosed). It is also noted that Applicants' former counsel of record, namely Morrison & Foerster, filed a Request for Withdrawal as Attorney or Agent Form with the Patent Office on November 16, 2005 (copy enclosed). Additionally, Morrison & Foerster indicated the new (current) counsel contact and address information at that time. However, Patent Office correspondence continued to be, and in fact still continues to be, transmitted to the Applicants' former counsel.

The above mentioned Office Action, dated April 26, 2007, was mailed to prior counsel. Applicants' current counsel has no record of receiving a copy of this Notice from either the Patent Office or from prior counsel. Accordingly, current counsel had no knowledge of the aforementioned Notice. In accordance with MPEP § 711.03(c)IA, Applicants' representatives attach a copy of the individual docket record for the application in question which indicates all docketed actions (as well as replies thereto) as documentary proof of non-receipt of the Office

Action dated April 26, 2007. It is noted that there is no record of receiving any Office Action dates April 26, 2007.

A Notice of Abandonment dated November 14, 2007 was mailed to prior counsel of record (copy enclosed). Although normal Patent Office practice would call for a copy of the Notice of Abandonment to be sent directly to Applicants' current counsel of record, current counsel did not receive the Notice until December 1, 2007 when it was forwarded to us from prior counsel (copies enclosed).

Since receiving the Notice of Abandonment, Applicants' representatives have worked diligently to gather the facts surrounding this matter, investigate the cause of abandonment, communicate with client, ensure that abandonment was unavoidable by current counsel in view of the details above, and prepare and file this request.

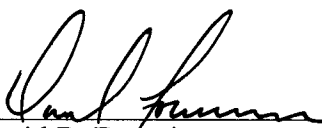
CONCLUSION

In view of these facts and supporting documentation, the undersigned believes that it is readily apparent that the abandonment of the instant application was due to the Patent Office erroneously mailing correspondence to the Applicants' prior counsel. As a result, Applicants respectfully request revival of this application be **granted** in accordance with the provisions of MPEP § 711.03(c)IA, that a copy of the Office Action dated April 26, 2007 be mailed to the address associated with current counsel's Customer Number (22930), and that a new period for responding to the Office Action is established. No fee is believed payable in respect of this petition.

Respectfully submitted,

HOWREY LLP

By: \_\_\_\_\_

  
David B. Fournier  
Registration No. 51,696  
Telephone No.: 312-846-5621

**CUSTOMER NUMBER 22930**  
C/O IP DOCKETING DEPARTMENT  
HOWREY, LLP  
2941 FAIRVIEW PARK DR. STE 200  
FALLS CHURCH, VA 22042-9922  
Chicago, IL 60690-2828  
Telephone: (312) 595-1408  
Facsimile: (312) 264-0366

January 22, 2008

**RECEIVED IN THE U.S. PATENT AND TRADEMARK OFFICE**

**Atty Docket No.:** 300602004700

**Inventor:** Sun-Chang KIM et al.

**Application No.:** 10/505,328

**Filing Date:** August 23, 2004

**Title:** CONSTRUCTION OF NOVEL STRAINS CONTAINING MINIMIZING GENOME BY TN5-  
COUPLED CRE/LOP EXCISION SYSTEM

**Documents Filed:**

Request for Withdrawal (triplicate)



**ATTY/Secy:** RSD/kmo

**Date filed:** November 16, 2005

**DOCKETED**

va-142582

**RECEIVED**

**NOV 17 2005**

**MORRISON & FOERSTER LLP**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|  |                        |                  |
|--|------------------------|------------------|
| <b>REQUEST FOR WITHDRAWAL<br/>AS ATTORNEY OR AGENT</b> | Application Number     | 10/505,328       |
|  | Filing Date            | August 23, 2004  |
|  | First Named Inventor   | Sun-Chang KIM    |
|  | Art Unit               | Not yet assigned |
|  | Examiner Name          | Not yet assigned |
|  | Attorney Docket Number | 300602004700     |

Commissioner for Patents  
To: P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby apply to withdraw as attorney or agent for the above identified patent application.

The reasons for this request are:

**Application is being transferred to another attorney.**

This request is being made at the request of the assignee, **Korea Advanced Institute of Science and Technology**

1. ☐ The correspondence address is NOT affected by this withdrawal.  
2. ☐ Change the correspondence address and direct all future correspondence to:

**CORRESPONDENCE ADDRESS**

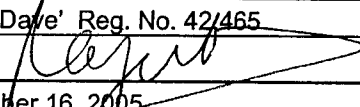
☐ Customer Number  →

OR

|   |  |       |              |
|---|--|-------|--------------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Teddy Scott, Esq.<br>Howrey, Simon, Arnold & White LLP |       |              |
| Address   | 321 North Clark Street<br>Suite 3400                   |       |              |
| City  | Chicago  | State | IL Zip 60610 |
| Country   | USA  |       |              |
| Telephone   |  | Fax   |              |

- ☒ This request is made on behalf of myself and  
☐ all the attorneys/agents of record,  
☐ the attorneys/agents (with registration numbers) listed on the attached paper(s), or  
☒ the attorneys/agents associated with Customer Number

This request is enclosed in triplicate (including any attachments).

|           |   |
|-----------|---|
| Name      | Raj S. Dave' Reg. No. 42/465  |
| Signature |  |
| Date      | November 16, 2005   |

NOTE: Withdrawal is effective when approved rather than when received. Unless there are at least 30 days between approval of withdrawal and the expiration date of a time period for response or possible extension period, the request to withdraw is normally disapproved.

# TRANSMITTAL FORM

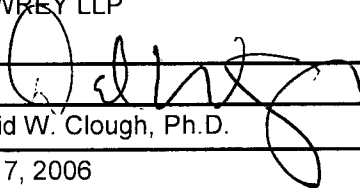
(to be used for all correspondence after initial filing)

|   |  |
|---|--|
| <div>Application Number</div> <div>Filing Date</div> <div>First Named Inventor</div> <div>Art Unit</div> <div>Examiner Name</div> | 10/505,328   |
|   | October 31, 2002   |
|   | Sun-Chang Kim  |
|   | To be assigned   |
|   | To be assigned   |
| <div>Total Number of Pages in This Submission</div> <div>6</div>  | <div>Attorney Docket Number</div> <div>02730.0020.PCUS00</div> |

## ENCLOSURES (Check all that apply)

|  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s)<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>PTO/SB08/B, five cited references, and Statement under 37 CFR 3.73(b) |
| <div>Remarks</div>   |   |  |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |   |          |        |
|--------------|---|----------|--------|
| Firm Name    | HOWREY LLP  |          |        |
| Signature    |  |          |        |
| Printed name | David W. Clough, Ph.D.  |          |        |
| Date         | July 7, 2006  | Reg. No. | 36,107 |

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|               |                |              |                          |
|---------------|----------------|--------------|--------------------------|
| Applicant(s): | Sun-Chang Kim  | Filing Date: | October 31, 2002         |
| App. No.:     | 10/505,328     | Title:       | CONSTRUCTION OF          |
| Conf. No.:    | 5904           |              | NOVEL STRAINS            |
| Art Unit:     | To be assigned |              | CONTAINING MINIMIZING    |
| Examiner:     | To be assigned |              | GENOME BY Tn5-COUPLED    |
|               |                |              | Cre/loxP EXCISION SYSTEM |

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 and 1.98**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with 37 C.F.R. § 1.97 and the continuing duty of disclosure under 37 C.F.R. § 1.56, Applicant calls to the attention of the Examiner the references listed on the attached Form PTO/SB/08B. It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08B be considered by the Examiner and made of record.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made. In accordance with 37 C.F.R. § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).



This Information Disclosure Statement is being filed prior to the receipt of a first Office Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b)(3).

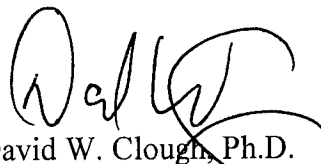
No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this document, the Commissioner is hereby authorized to deduct the fees from Howrey Simon Arnold & White, LLP Deposit Account 08-3038 referencing the above-identified docket number.

Respectfully submitted,

HOWREY LLP

Dated: July 7, 2006

By:

  
David W. Clough, Ph.D.  
Registration No.: 36,107  
Customer No.: 22930

HOWREY LLP  
321 N. Clark Street, Suite 3400  
Chicago, IL 60610  
(312) 595-1239 (main)  
(312) 595-1408 (direct)  
(312) 595-2250 (fax)

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |  |
|------------------------|--|
| Application Number     | 10/505,328   |
| Filing Date            | October 31, 2002   |
| First Named Inventor   | Sun-Chang Kim  |
| Title                  | Construction of Novel Strains Containing Minimizing Genome by TrS-Coupled Cre/loxP Excision System |
| Art Unit               | Not yet assigned   |
| Examiner Name          | Not yet assigned   |
| Attorney Docket Number | 02730.0020.PCUS00  |

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

22930

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
|      |                     |
|      |                     |
|      |                     |
|      |                     |
|      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

|  |  |       |  |     |
|--|--|-------|--|-----|
| <input type="checkbox"/> Firm or Individual Name |  |       |  |     |
| Address  |  |       |  |     |
| City   |  | State |  | Zip |
| Country  |  |       |  |     |
| Telephone  |  | Fax   |  |     |

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

## SIGNATURE of Applicant or Assignee of Record

|                   |   |           |                        |
|-------------------|---|-----------|------------------------|
| Signature         | <i>In Hee Lee</i>   | Date      | <i>Feb. 27, 2006</i>   |
| Name              | <i>In Hee Lee</i>   | Telephone | <i>+82-42-869-2771</i> |
| Title and Company | <i>KAIST, The Staff in charge of intellectual property rights</i> |           |                        |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Sun-Chang KimApplication No./Patent No.: 10/505,328 Filed/Issue Date: October 31, 2002Entitled: Construction of Novel Strains Containing Minimizing Genome By Tn5-Coupled Cre/loxP Excision SystemKorea Advanced Institute of Science and Technology, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 016696, Frame 0180, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

In Hee Lee

Signature

Feb 27, 2006

Date

In Hee Lee

Printed or Typed Name

482-42-869-2191

Telephone Number

The staff in charge of intellectual property rights

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/505,328        |
| Filing Date            | October 31, 2002  |
| First Named Inventor   | Sun-Chang Kim     |
| Art Unit               | To be assigned    |
| Examiner Name          | To be assigned    |
| Attorney Docket Number | 02730.0020.PCUS00 |

Sheet

1

of

1

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    | C9                    | Chatterjee, P., et al., "Analysis of a Clonal Selection Event During Transposon-Mediated Nested-Deletion Formation in Rare BAC and PAC Clones," Analytical Biochemistry, Vol. 285, pp. 121-126 (2000)   |                |
|                    | C10                   | Coren, J., et al., "Construction of a PAC Vector System for the Propagation of Genomic DNA in Bacterial and Mammalian Cells and Subsequent Generation of Nested Deletions in Individual Library Members," Gene, Vol. 264, No. 1, pp. 11-18 (2001)               |                |
|                    | C11                   | Gilmore, R., et al., "Using PAC Nested Deletions to Order Contigs and Microsatellite Markers at the High Repetitive Sequence Containing Npr3 Gene Locus," Gene, Vol. 275, pp. 65-72 (2001)  |                |
|                    | C12                   | Hoekstra, M., et al., "A Tn3 Derivative That Can Be Used to Make Short In-Frame Insertions Within Genes," Proc. Natl. Acad. Sci., USA, Vol. 88, pp. 5457-5461 (1991)  |                |
|                    | C13                   | Wild, J., et al., "Targeting and Retrofitting Pre-Existing Libraries of Transposon Insertions with FRT and oriV Elements for In-Vivo Generation of Large Quantities of Any Genomic Fragment," Gene, Vol. 223, pp. 55-66 (1998)                                  |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |
|                    |                       |   |                |

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## Electronic Acknowledgement Receipt

|  |   |
|--|---|
| <b>EFS ID:</b>                           | 1105436   |
| <b>Application Number:</b>               | 10505328  |
| <b>Confirmation Number:</b>              | 5904  |
| <b>Title of Invention:</b>               | Construction of novel strains containing minimizing genome by tn5-coupled cre/loxp excision system                      |
| <b>First Named Inventor:</b>             | Sun-Chang Kim   |
| <b>Correspondence Address:</b>           | Morrison & Foerster<br>-<br>2000 Pennsylvania Avenue, NW Suite 5500<br>-<br>Washington DC 20006<br>US 202-778-1643<br>- |
| <b>Filer:</b>                            | David W. Clough/Debra Kozlowski   |
| <b>Filer Authorized By:</b>              | David W. Clough   |
| <b>Attorney Docket Number:</b>           | 300602004700  |
| <b>Receipt Date:</b>                     | 07-JUL-2006   |
| <b>Filing Date:</b>                      |   |
| <b>Time Stamp:</b>                       | 23:15:47  |
| <b>Application Type:</b>                 | U.S. National Stage under 35 USC 371  |
| <b>International Application Number:</b> |   |

### Payment information:

|                        |    |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

## File Listing:

| Document Number                                 | Document Description                          | File Name                      | File Size(Bytes) | Multi Part | Pages |
|---|---|--------------------------------|------------------|------------|-------|
| 1   | Power of Attorney (may include Associate POA) | POA_Correspondence_Address.pdf | 128333           | no         | 2     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |
| <b>Information:</b>                             |   |                                |                  |            |       |
| 2   | Information Disclosure Statement (IDS) Filed  | Sup_IDS.pdf                    | 60084            | no         | 2     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |
| <b>Information:</b>                             |   |                                |                  |            |       |
| This is not an USPTO supplied IDS fillable form |   |                                |                  |            |       |
| 3   | Information Disclosure Statement (IDS) Filed  | PTO-SB-08B.pdf                 | 68897            | no         | 1     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |
| <b>Information:</b>                             |   |                                |                  |            |       |
| This is not an USPTO supplied IDS fillable form |   |                                |                  |            |       |
| 4   | Transmittal letter                            | Transmittal.pdf                | 36247            | no         | 1     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |
| <b>Information:</b>                             |   |                                |                  |            |       |
| 5   | NPL Documents                                 | C9.pdf                         | 589162           | no         | 6     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |
| <b>Information:</b>                             |   |                                |                  |            |       |
| 6   | NPL Documents                                 | C10.pdf                        | 611288           | no         | 8     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |
| <b>Information:</b>                             |   |                                |                  |            |       |
| 7   | NPL Documents                                 | C11.pdf                        | 612519           | no         | 8     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |
| <b>Information:</b>                             |   |                                |                  |            |       |
| 8   | NPL Documents                                 | C12.pdf                        | 482416           | no         | 5     |
| <b>Warnings:</b>                                |   |                                |                  |            |       |

|  |               |         |         |    |    |
|--|---------------|---------|---------|----|----|
| <b>Information:</b>  |               |         |         |    |    |
| 9  | NPL Documents | C13.pdf | 919537  | no | 12 |
| <b>Warnings:</b>   |               |         |         |    |    |
| <b>Information:</b>  |               |         |         |    |    |
| Total Files Size (in bytes):   |               |         | 3508483 |    |    |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b><br/>         If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b><br/>         If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> |               |         |         |    |    |

MORRISON | FOERSTER

1650 TYSONS BOULEVARD  
SUITE 400  
MCLEAN, VIRGINIA 22102

TELEPHONE: 703.760.7700  
FACSIMILE: 703.760.7777

WWW.MOFO.COM

MORRISON & FOERSTER LLP  
NEW YORK, SAN FRANCISCO,  
LOS ANGELES, PALO ALTO,  
SAN DIEGO, WASHINGTON, D.C.  
NORTHERN VIRGINIA,  
ORANGE COUNTY, DENVER,  
SACRAMENTO, WALNUT CREEK  
TOKYO, LONDON, BEIJING,  
SHANGHAI, HONG KONG,  
SINGAPORE, BRUSSELS

November 30, 2007

Writer's Direct Contact  
703.760.7754  
DHamilton@mofo.com

**VIA UPS Courier**

Teddy Scott, ESQ.  
HOWREY, SIMON, ARNOLD & WHITE LLP  
SUITE 3400  
321 NORTH CLARK STREET  
CHICAGO, IL 60610-4717

Received

DEC 01 2007

Howrey LLP

Re: U.S. Patent Application No. 10/505,328  
Our Ref: 30060-20047.00

Dear Mr. Scott:

Please find enclosed papers related to the above matters.

Please contact us if you need any further information or assistance.

Sincerely,



Darlene R. Hamilton  
Patent Docket Specialist





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| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/505,328                  | Sun-Chang Kim         | 300602004700     |

Morrison & Foerster  
2000 Pennsylvania Avenue, NW Suite 5500  
Washington, DC 20006

| INTERNATIONAL APPLICATION NO. |               |
|-------------------------------|---------------|
| PCT/KR02/02033                |               |
| I.A. FILING DATE              | PRIORITY DATE |
| 10/31/2002                    | 02/22/2002    |

**CONFIRMATION NO. 5904**  
**371 ABANDONMENT/TERMINATION**  
**LETTER**



Date Mailed: 11/14/2007

**NOTIFICATION OF ABANDONMENT**

The United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495) has made the following determination:

- Sent out a 922 on 4/26/07 for a raw sequence listing error report No reponse to the notice.

Therefore, the above identified application failed to meet the requirements of 35 U.S.C. 371 and 37 CFR 1.495, and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

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SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

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DOCKET CASE LOOKUP CALENDAR DOCKETING ANNUITIES SWITCH USER HELP ?

**HOWREY**<sup>LLP</sup>**Todd Mayfield**

mayfieldt 1/16/2008 12:37:38 PM

**Client/Matter #: 02730.0020.PCUS00 (Patent)****Status:** Filed**CONSTRUCTION OF NOVEL  
STRAINS CONTAINING  
MINIMIZING GENOME BY TN5-  
COUPLED CRE/LOX EXCISION  
SYSTEM****Sub Status:** Pending  
**Country:** United States**Application:** 10/505,328 8/23/2004**Case Type:** Regular  
**Relationship:** Original Filing**Publication:****Patent:****Priority:****Filing Type:** Patent Cooperation  
Treaty**Action Due Deadline Completed****Office:**  
**Client:** Scarab Genomics  
LLC

Petition to Revive 12/14/2007

**Client  
Contact:**  
**Owner:** Korea Advanced  
Institute of  
Science &  
Technology

Sequence 11/21/2005 11/21/2005

Stmnt/Disk Due 11/21/2005

Status Inquiry 12/4/2005 11/21/2005

Power of Attorney 12/4/2005 11/21/2005

NF (non-final)  
Office Action Mail 2/21/2006

Change of 3/7/2006 3/7/2006

Address Due 3/7/2006

Power of Attorney 3/21/2006 3/21/2006

Due 3/7/2006

Notice of Missing 3/21/2006 3/21/2006

Parts Due 4/21/2006 3/21/2006

Notice of Missing 5/21/2006 3/21/2006

Parts - 1 EXT 6/21/2006 3/21/2006

Notice of Missing 7/21/2006 3/21/2006

Parts - 2 EXT 8/21/2006 3/21/2006

Notice of Missing 7/7/2006 3/21/2006

Parts - 3 EXT 7/7/2006

Notice of Missing 7/7/2006

Parts - 4 EXT 7/7/2006

Notice of Missing 7/7/2006

Parts - FINAL 7/7/2006

IDS Filed 7/7/2006

**Foreign  
Agent:**  
**Attorney 1:** David FOURNIER  
**Attorney 2:**  
**Billing Atty:** David W. CLOUGH  
**Action  
Person:**  
**Client Mgr:**  
**European  
Atty:**  
**Euro.  
Paralegal:**  
**Paralegal 1:** Todd Mayfield  
**Paralegal 2:**  
**Inventor:** Blattner Frederick R.  
**Inventor:** Sun-Chang KIM  
**Inventor:** Byung-Jo YU

|                       |            |            |
|-----------------------|------------|------------|
| <b>Abandoned</b>      | 11/14/2007 | 11/14/2007 |
| <b>Status Inquiry</b> | 5/21/2007  | 12/5/2007  |
| <b>Due</b>            |            |            |

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